## What is claimed is:

- 1. A method of providing a metal seed layer substantially free of discontinuities disposed on a substrate comprising the step of contacting a metal seed layer disposed on a substrate with an electroplating bath comprising a) a source of metal ions; b) an electrolyte comprising two or more acids; c) and optionally one or more additives.
- 2. The method of claim 1 wherein the two or more acids are selected from organic acids, inorganic acids, or mixtures thereof.
- 3. The method of claim 2 wherein the organic acids are selected from alkylsulfonic acids, aryl sulfonic acids, carboxylic acids or halogenated acids.
- 4. The method claim 2 wherein the inorganic acids are selected from sulfuric acid, phosphoric acid, nitric acid, hydrogen halide acids, sulfamic acid or fluoroboric acid.
- 5. The method of claim 1 wherein the two or more acids are present in an amount of from about 1 to about 350 g/L.
  - 6. The method of claim 1 wherein the source of metal ions is a source of copper ions.
- 7. The method of claim 6 wherein the source of copper ions is selected from copper sulfates, copper acetates, copper flyoroborate, or cupric nitrates.
- 8. The method bath of claim 6 wherein the source of copper ions is present in an amount of from about 1 to about 300 g/I.
- 9. The method of claim 1 wherein the electrolyte further comprises a source of halide ions.
- 10. A method of manufacturing an electronic device comprising the step of contacting a metal seed layer disposed on a substrate with an electroplating bath comprising a) a source of metal ions; b) an electrolyte comprising two or more acids; c) and optionally one or more additives.
- 11. The method of claim 10 wherein the two or more acids are selected from organic acids, inorganic acids, or mixtures thereof.
- 12. The method of claim 11 wherein the organic acids are selected from alkylsulfonic acids, aryl sulfonic acids, carboxylic acids or halogenated acids.

- 13. The method claim 11 wherein the inorganic acids are selected from sulfuric acid, phosphoric acid, nitric acid, hydrogen halide acids, sulfamic acid or fluoroboric acid.
- 14. The method of claim 10 wherein the two or more acids are present in an amount of from about 1 to about 350 g/L.
  - 15. The method of claim 10 wherein the source of metal ions is a source of copper ions.
- 16. The method of claim 15 wherein the source of copper ions is selected from copper sulfates, copper acetates, copper fluoroborate, or cupric nitrates.
- 17. The method bath of claim 15 wherein the source of copper ions is present in an amount of from about 1 to about 300 g/L.
- 18. The method of claim 10 wherein the electrolyte further comprises a source of halide
- 19. An article of manufacture comprising an electronic device substrate containing one or more apertures, each aperture containing a seed layer deposit obtained from an electroplating composition that comprises a) a source of metal ions; b) an electrolyte comprising two or more acids; c) and optionally one or more additives.
- 20. A method for removing excess material from a semiconductor wafer containing one or more apertures by using a chemical mechanical planarization process which comprises contacting the semiconductor wafer with a rotating polishing pad thereby removing the excess material from the semiconductor wafer; wherein the apertures contain a seed layer deposit obtained from an electroplating composition that comprises a) a source of metal ions; b) an electrolyte including two or more acids; c) and optionally one or more additives.
  - 21. The method of claim 20 wherein the polishing pad is grooved.
- 22. The method of claim 20 wherein the semiconductor wafer is also subjected to a polishing slurry.